

Listing and Amendments to the Claims

1. (previously presented) A device adapted to belong to a community of networked devices, said device comprising:

a provable identity and/or means for generating and/or obtaining a provable identity;

means adapted to store information about devices of the community having trust relationships with said device;

means adapted to store information about devices of the community having had trust relationships with said device in the past but now not trusted by said device;

means for trust relationships synchronization with each device belonging to said community of network devices based on the stored information.

2. canceled.

3. (previously presented) The device according to claim 1, wherein the information about devices comprises the provable identity of said devices.

4. (previously presented) The device according to claim 1, wherein said device is furthermore designed to store information comprising proofs received from other devices of the community that said device is trusted by other devices.

5. (previously presented) The device according to claim 1, wherein said means for trust relationships synchronization comprises means to exchange information with other devices of the community about devices trusted and/or not trusted by other devices of the community.

6. (previously presented) The device according to claim 1, wherein said device comprises:

a first object capable of containing identities of devices trusted by said device and trusting said device;

a second object capable of containing identities of devices trusted by said device; and

a third object capable of containing identities of devices distrusted by said device.

7. (previously presented) The device according to claim 6, wherein said device is able to modify the content of said first object and/or said second object and/or said third object as a function of information exchanged with other devices of the community.

8. (previously presented) The device according to claim 6, wherein said first object and/or said second object and/or said third object are furthermore able to contain cryptographic material.

9. (previously presented) The device according to claim 6, wherein said first device is furthermore able to banish another device of said community if the identity of said device to be banished is contained in the first or the second object of said first device, said banish operation comprising removing the identity of said device to be banished from said first or second object and inserting said identity in said third object of said first device.